

Notice of Allowability

Application No.

10/797,977

Examiner

Cheryl Lewis

Applicant(s)

WALSH ET AL.

Art Unit

2167

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR.1.313 and MPEP 1308.

1. ☒ This communication is responsive to the applicants' communication received on January 12, 2007.
2. ☒ The allowed claim(s) is/are 2-16, 18-24, and 26-31, renumbered as claims 1-28.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

1. Claims 2-16, 18-24, and 26-31 are allowed. These claims have been renumbered as claims 1-28.
2. Claims 1, 17, and 25 have been cancelled in the amendment received on January 12, 2007.

Drawings

3. The drawings filed on March 10, 2004 are accepted by the examiner.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview with Theodore Lopez on March 26, 2007.

5. Claims 2 and 16 have been amended as follows:

2. (Currently Amended) A computer implemented method for facilitating robust revision control of components of a system, the method comprising:
storing a plurality of system components under revision control in a master repository, according to internal names;

Art Unit: 2167

storing, under revision control in the master repository, a binding between the internal name of each of the plurality of system components and its corresponding external name;

storing, under revision control in the master repository, attributes concerning system components;

storing, in the master repository, a journal of operations performed on system components;

responsive to a user performing an operation on at least one system component according to its external name, updating the journal accordingly;

responsive to a user indication, updating the revision control system to include a new version of its contents reflecting a change-set of operations consisting of all operations performed by the user on system components since a previous indication, from the user;

reading the journal to determine which operations have been performed by the user on system components since the previous indication from the user;

determining the internal names of affected system components;

updating affected system components in the revision control system according to the user performed operations;

updating the journal to reflect processing of the user indication; and

associating a new version number with a resulting state of the revision control system.

16. (Currently Amended) A computer readable medium containing a computer program product for facilitating robust revision control of components of a system, the computer program product executed on a processor comprising:

program code for storing a plurality of system components under revision control in a master repository, according to internal names;

program code for storing, under revision control in the master repository, a binding between the internal name of each of the plurality of system components and its corresponding external name;

program code for storing, under revision control in the master repository, attributes concerning system components;

program code for storing, in the master repository, a journal of operations performed on system components;

program code for, responsive to a user performing an operation on at least one system component according to its external name, updating the journal accordingly;

program code for, responsive to a user indication, updating the revision control system to include a new version of its contents reflecting a change-set of operations consisting of all operations performed by the user on system components since a previous indication from the user;

program code for reading the journal to determine which operations have been performed by the user on system components since the previous indication from the user;

Art Unit: 2167

program code for determining the internal names of affected system components;

program code for updating affected system components in the revision control system according to the user performed operations:

program code for updating the journal to reflect processing of the user indication; and

program code for associating a new version number with a resulting state of the revision control system.

REASONS FOR ALLOWANCE

6. The following is a statement of reasons for the indication of allowable subject matter:

Applicants' response filed on September 19, 2006 overcomes the prior art rejection under 35 USC § 102(b) by Vanter.

The prior art of record does not render obvious to one ordinarily skilled in the art at the time of applicant's invention nor anticipate the combination of claimed elements including 'storing, under revision control in the master repository, a binding between the internal name of each of the plurality of system components and its corresponding external name; storing, under revision control in the master repository, attributes concerning system components; storing, in the master repository, a journal of operations performed on system components; responsive to a user performing an operation on at least one system component according to its external name, updating

Applicants' response filed on September 19, 2006 overcomes the prior art rejection under 35 USC § 102(b) by Vanter.

The prior art of record does not render obvious to one ordinarily skilled in the art at the time of applicant's invention nor anticipate the combination of claimed elements including 'storing, under revision control in the master repository, a binding between the internal name of each of the plurality of system components and its corresponding external name; storing, under revision control in the master repository, attributes concerning system components; storing, in the master repository, a journal of operations performed on system components; responsive to a user performing an operation on at least one system component according to its external name, updating

Art Unit: 2167

the journal accordingly; responsive to a user indication, updating the revision control system to include a new version of its contents reflecting a change-set of operations consisting of all operations performed by the user on system components since a previous indication, from the user;' and 'updating the journal to reflect processing of the user indication; and associating a new version number with a resulting state of the revision control system' as recited in independent claim 2 and similarly recited in independent claims 16 and 24.

The remaining claims, 3-15, 18-23, and 26-31 are dependent claims, thus these claims are patently distinct over the art of record for at least the above reasons.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

NAME OF CONTACT

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheryl Lewis whose telephone number is (571) 272-4113. The examiner can normally be reached on 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cottingham can be reached on (571) 272-7079. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Art Unit: 2167

(571) 273-4113 (Use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper/amendment be faxed directly to them on occasions.).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/ Technology Center (571) 272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Cheryl Lewis
Patent Examiner
March 28, 2007